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(54) Communications adapter with multiple interface options

(57) An adapter (250) for providing data communications for a personal computer to other remote data communications systems of various communication platforms is disclosed. The remote data communications systems can be a data circuit terminating equipment (DCE) such as a modem, or a data terminating equipment (DTE) such as an ISDN terminal adapter. The adapter comprises a programmable digital signal processing device (22), a memory device (24, 25) and an assortment of transceiving devices (27, 28). A software program is stored in the memory device for instructing the programmable digital signal processing device. The transceiving devices is controlled by the programmable DSP device such that the appropriate transceiving device can be activated for providing data communications, according to the type of communication platform utilized by the remote data communications equipment.

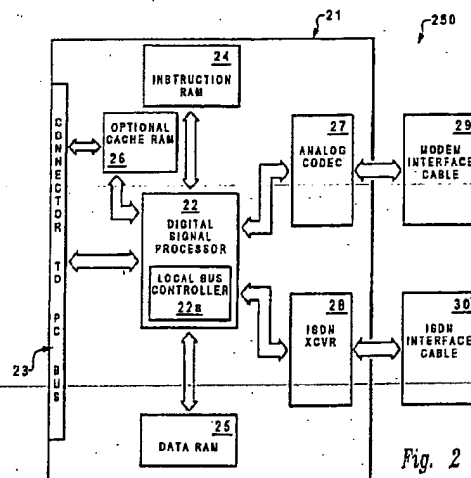


Fig. 2

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EUROPEAN SEARCH REPORT

Application Number
EP 96 30 7763

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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 11 December 1998	Examiner Cichra, M
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X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

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Communications adapter with multiple interface options

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Publication date: 1997-05-07

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Applicant: IBM (US)

Classification:

- international: H04Q11/04; H04M11/06

- european: H04Q11/04S1P; H04L12/28P1A; H04L29/06; H04M11/06

Application number: EP19960307763 19961028

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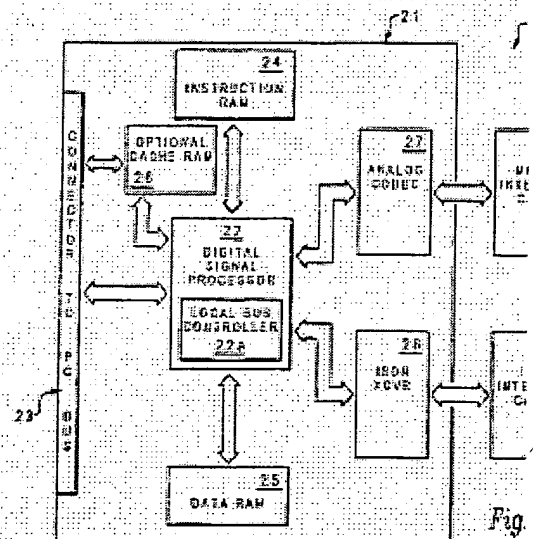
US654644
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Abstract of EP0772370

An adapter (250) for providing data communications for a personal computer to other remote data communications systems of various communication platforms is disclosed. The remote data communications systems can be a data circuit terminating equipment (DCE) such as a modem, or a data terminating equipment (DTE) such as an ISDN terminal adapter. The adapter comprises a programmable digital signal processing device (22), a memory device (24, 25) and an assortment of transceiving devices (27, 28). A software program is stored in the memory device for instructing the programmable digital signal processing device. The transceiving devices is controlled by the programmable DSP device such that the appropriate transceiving device can be activated for providing data communications, according to the type of communication platform utilized by the remote data communications equipment.



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